


GODDARD SPACE FLIGHT CENTER		TASK ORDER (Instructions and Distribution on Reverse)		PAGE 1 OF 1
1. CONTRACTOR: SSAI		2. CONTRACT NO.: NNG12HP08C		3. TASK/REVISION NO.: Task Order #055
4. JOB ORDER NO./PROJECT:		5. FLIGHT HARDWARE /SOFTWARE; CRITICAL GSA (IF, YES, OBTAIN BLOCK 16 CONCURRENCE): YES <input checked="" type="checkbox"/> NO		6. DESIGNATED FLIGHT ASSURANCE MGR.:
7. DESCRIPTION OF WORK TO BE PERFORMED (OBJECTIVES OR RESULTS DESIRED): Tropical Hydrologic Cycle and Climate Feedback Processes				
8. TASK DOCUMENTATION REQUIREMENTS/DELIVERABLE ITEMS: (See Attached Task Order)				
9. PERFORMANCE/MILESTONE SCHEDULE: May 1, 2015 – April 30, 2016				
10. QUALITY ASSURANCE REQUIREMENTS: N/A				
11. TRAVEL, MATERIALS, ETC., KNOWN TO BE REQUIRED: (See Attached Task Order)				
12. OTHER (FUNDING, NTE, HOURS, ETC.): Total Cost: Fee: Total Price: \$6,939				
13. TASK ORIGINATOR/MONITOR/CODE/PHONE: Wei-Kuo Tao/612.0/4- 6269		18. THIS TASK ORDER IS ISSUED PURSUANT TO THE TERMS OF THE CONTRACT.		
14. BRANCH APPROVAL:		15. DIVISION CONCURRENCE:		 CONTRACTING OFFICER'S SIGNATURE/ DATE <u>Ayana A. Briscoe</u> TYPED OR PRINTED NAME
16. CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE: Joel Susskind				
17. CONTRACTOR SIGNATURE:				

Science Systems and Applications, Inc.
NNG12HP08C
Task Order Statement of Work

Task Order Number: CY4_055_Rev0

Task Order Title: Tropical Hydrologic Cycle and Climate Feedback Processes

1.0 Task Monitor (TM):

Name: Wei-kuo Tao
Organization: 612: Mesoscale Atmospheric Processes Laboratory
Email Address: wei-kuo.tao-1@nasa.gov

2.0 Description of Work to be Performed

Support diagnostic and modeling studies on relationship among tropical rainfall, SST and other atmospheric and surface hydrologic variables, in the context of extremes and climate change. Specific work includes:

- Processing of satellite data on rainfall, water vapor from TRMM PR, IMI and TMPA, GPCP , and ancillary data from NCEP or MERRA.
- Analyzing output from CMIP5 climate models to identify changes in rainfall characteristics on regional and global scales associated with climate change.
- Compiling computer code for analysis, plotting packages such as COLA, GRADS and IDL packages and using state-of-the-art statistical methods, and models for diagnosis and physical interpretations
- Ensuring the IT security of computer systems used.

3.0 Special Requirements

None

4.0 Performance/Milestone Schedule

The SAS Contract Year 4 POP is May 01, 2015 - April 30, 2016

Task period of performance: 05/01/2015 - 07/31/2015

5.0 Deliverables/Reporting Requirements

- Contributions to scientific publications, workshops/conferences/symposia, both oral presentations and written contributions.
- Quarterly and annual reports.
- Delivery and availability of quality-controlled datasets and web-based material.
- Software and hardware documentation.

- Reports documenting participation in conferences, workshops, symposia, working groups and field activities.

6.0 Other Information Needed for Performance of Task

None

7.0 Data Rights

N/A

8.0 Safety

Staff on this task shall comply with federal, state, local, and center safety regulations. This shall be accomplished through management emphasis, technical training, and personal responsibility. Staff shall participate in safety orientation and training in accordance with the contract Safety and Health Plan, and work within the requirements of that plan.

9.0 Risk

Contractor shall provide ongoing risk assessment and mitigation in performance of the Task Order. Priorities shall be re-evaluated as appropriate with the TM. Cost and schedule performance shall be assessed on a regular basis (no less frequently than monthly) and significant variations discussed and acted on in consultation with the TM and COR.

10.0 Proposed Cost and Fixed Fee

In accordance with Paragraph B.8 of the contract, propose the Cost and Fixed Fee amount.